

## ABSTRACT OF THE DISCLOSURE

A power supply detecting input receiver circuit (300) can include a multiplexing capability that can select one of at least two power supplies during a non-critical timing period. Such selection of a power supply can reduce both the standby and the active  
5 current of input receiver circuit (300). In one arrangement, an input receiver circuit (300) can include a comparator (310), a latch (316), and a select circuit (304). A latch (316) can be enabled to indicate a selection of a supply upon a circuit power-up, as but one example. A method is disclosed that includes comparing at least two supply  
10 voltages, setting a latch to indicate a selected supply, and providing the selected supply to an input receiver. The receiver output signal may be voltage-translated to a suitable internal supply level.